



Health 1
 Flammability 0
 Reactivity 0
 PPE X

1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product G60402
MSDS Name 60402-01 ALKALINE CLEANER
CAS # Mixture
Generic Description Water Based Mixture
Manufacturer BOSTIK FINDLEY, INC.
 211 Boston Street
 Middleton , MA 01949 USA

24 Hour Emergency Assistance
 Phone: 1-800-227-0332

General Assistance
 Phone: 1-978-777-0100

MSDS Assistance
 Phone: 1-978-777-0100

2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
POTASSIUM PYROPHOSPHATE	7320-34-5	1 - 5
ETHANOLAMINE	141-43-5	1 - 5
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes.

POTENTIAL HEALTH EFFECTS

Skin Contact: Prolonged or repeated skin contact may cause irritation.

Eye Contact: May cause irritation with temporary redness with stinging and tearing. May lead to permanent damage if not treated promptly.

Inhalation: Inhalation of mist may cause respiratory irritation, dizziness, nausea, or headache.

Ingestion: Exposure is unlikely. This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

TARGET ORGANS

Respiratory System. Eyes. Skin.

4 FIRST AID MEASURES

SKIN

Remove contaminated clothing to prevent further skin exposure and dispose of properly. In situations involving considerable skin contact, place the contaminated person in a deluge shower for at least 15 minutes. For minor exposures, wash thoroughly with soap and clean water. Get medical attention if irritation persists.

EYE

Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.

INHALATION

Remove to fresh air. Get medical attention if cough or other symptoms develop.

INGESTION

No harmful effect is anticipated. If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

NOTES TO PHYSICIAN

None

5 FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS

Decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced during combustion.

EXTINGUISHING MEDIA

This product is a water dispersion and as such will not burn until all water has boiled away. Residual solid and container can support combustion. Use dry chemical, carbon dioxide, water spray, or foam.

DUST EXPLOSION HAZARD

None Known

SENSITIVITY TO MECHANICAL IMPACT

None Known

SENSITIVITY TO STATIC DISCHARGE

None Known

UNUSUAL FIRE & EXPLOSION HAZARDS

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water.

FIRE FIGHTING EQUIPMENT/INSTRUCTIONS

Firefighters should wear full protective clothing including self contained breathing apparatus.

Flash Point > 200 F (> 93 C)

6 ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION

Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.

CONTAINMENT

Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with absorbant clay or sawdust and place in closed chemical waste containers. Use caution to avoid falls. Spilled adhesive is very slippery.

7 HANDLING & STORAGE

For Commercial Use Only - Not Packaged or Labeled for Home Use!

HANDLING

Wash hands after handling and before eating.

STORAGE

Keep material from freezing. Store under normal working temperatures in a well-ventilated area. Do not pressurize drums. Avoid contact with any copper or brass.

EMPTY CONTAINER PRECAUTION

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS

Local exhaust ventilation is recommended when vapors, mists, or dusts can be released.

EYE PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Wear goggles or safety glasses with side shields.

SKIN PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

Wear protective impervious gloves to minimize skin exposure.

RESPIRATORY PROTECTION: PERSONAL PROTECTION EQUIPMENT (PPE)

None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

GENERAL

Eyewash fountains and emergency showers should be readily available.

EXPOSURE LIMITS

ACGIH 2000 - Time Weighted Averages

ETHANOLAMINE 141-43-5 3 ppm TWA

OSHA - Vacated PELs - Time Weighted Averages

ETHANOLAMINE 141-43-5 3 ppm TWA; 8 mg/m³ TWA

9 PHYSICAL & CHEMICAL PROPERTIES

Boiling Point 212 F (100 C)

Vapor Pressure 18

MSDS Number	25493	Product	G60402
Label Number	25493	NA = Not Available	ND = Not Determined

Solubility In Water	100 %
Target Solids	12 %
Freezing Point	32 F (0 C)
Density	1.01 g/cc
Odor Threshold	NA
Octanol/Water Coefficient	NA
Odor	Characteristic
Color	Clear, fluorescent green
Physical State	Liquid
Freeze Protect	Yes

10 STABILITY & REACTIVITY

STABILITY/INCOMPATIBILITY

Stable under normal conditions.

HAZARDOUS REACTIONS/DECOMPOSITION PRODUCTS

Unknown due to the complex nature of this material. Fumes from complete or incomplete combustion may include carbon dioxide, carbon monoxide, water vapor, oxides of nitrogen and a wide variety of innocuous or toxic fumes.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Excessive heat over 200°C or cold under 10°C.

11 TOXICOLOGICAL INFORMATION

LD50

NIOSH - Selected LD50s and LC50s

ETHANOLAMINE	141-43-5	Oral LD50 Rat : 1720 mg/kg; Oral LD50 Mouse : 700 mg/kg; Dermal LD50 Rabbit : 1 mL/kg
POTASSIUM PYROPHOSPHATE	7320-34-5	Dermal LD50 Rabbit : >4640 mg/kg

CARCINOGENICITY

This product itself is not a listed carcinogen by OSHA, IARC or NTP.

12 ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available for this product.

13 DISPOSAL CONSIDERATIONS

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

WASTE DISPOSAL

This product as supplied is not considered a hazardous waste under RCRA. Liquid adhesive should not be disposed of in a landfill. Do not discharge to streams, lakes, ponds, or sewers. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

14 TRANSPORT INFORMATION

Proper Shipping Name	Non-Regulated
Hazard Class	Not Applicable
UN/NA Code	Not Applicable
Packing Group	Not Applicable
DOT Restrictions	Not Applicable
IATA Restrictions	Not Applicable

15 REGULATORY INFORMATION

All components are on the U.S. EPA TSCA Inventory List.

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

STATE REGULATIONS

If this product contains any ingredients listed under California Proposition 65, they will be noted below:

INTERNATIONAL REGULATIONS

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

SARA 313 TOXIC CHEMICALS

Not Regulated

WHMIS RATINGS

Compressed Gas		Flammable/Combustible	Oxidizer	Acutely Toxic
Other Toxic Effects	X	Bio Hazardous	Corrosive	Dangerously Reactive

16 OTHER INFORMATION

DISCLAIMER

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik Findley, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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